

In the Claims:

1. (Currently amended) A mixer-system comprising:
 - an amplitude detector;
 - a mixer-circuit including:
 - ~~with at least two mixers~~ a first mixer and a second mixer for frequency translating configured to frequency translate signals comprising at least one of audio information and [/]video information; and
 - a first forward circuit path coupled to an output of the first mixer, and including an amplifier-circuit having a gain control input coupled to an output of the amplitude detector for making amplitude corrections for at least one output signal of said mixer circuit; and
 - a second forward circuit path coupled to an output of the second mixer, including an amplifier-circuit having a gain independent of the amplitude detector; and
 - wherein the mixer system is configured to perform amplitude corrections are made during said frequency translating of said signals ~~comprising audio/video~~ information, and wherein said at least one output signal of said mixer circuit includes a signal having video image data without audio data and wherein audio data is processed in a signal path that is separate from said signal having video image data.
2. (Currently Amended) The[A] mixer-system according to claim 1, wherein
 - said amplitude detector comprises at least two inputs coupled to at least two outputs of said mixer-circuit; ~~and at least one output coupled to at least one control input of said mixer circuit,~~
 - ~~—— said mixer circuit further comprises at least two amplifier circuits coupled to said mixers for amplifying mixer signals, with at least one of said amplifier circuits being coupled to said control input for receiving a control signal for controlling a gain of said amplifier circuit; and~~
 - further including a polyphase filter ~~connected~~ coupled to at least one output of the amplifier-circuits to suppress data in at least one of said signals, the amplifier-circuits

being connected between the polyphase filter and the first and second ~~at least two~~ mixers.

3. (Currently Amended) The[A] mixer-system according to claim 2, wherein said amplitude detector comprises at least two level detectors each ~~comprising~~including an output coupled to an input of an amplifier of the amplitude detector.

4. (Currently Amended) The[A] mixer-system according to claim 2, ~~wherein said mixer-system comprises~~further comprising at least one further amplitude detector corresponding to each one of said[per] ~~amplifier-circuits~~circuits; and
wherein each of which further amplitude detector includes at least one input[is] coupled to at least one output of said amplifier-circuit and ~~of which further amplitude detector~~ at least one output is coupled to an input of said respective amplifier-circuit for controlling a gain of said amplifier-circuit for making common-mode corrections.

5. (Currently Amended) The[A] mixer-system according to claim 4, wherein said further amplitude detector comprises at least two level detectors with inputs of said level detectors being coupled to outputs of said amplifier-circuit and with outputs of said level detectors being coupled to inputs of an amplifier.

6. (Currently Amended) A mixer~~Mixer~~-system, comprising: a mixer-circuit with at least two mixers for frequency translating signals comprising at least one of audio information and [/]video information and comprising an amplitude detector for making amplitude corrections for at least one output signal of said mixer-circuit, wherein said amplitude corrections are made during said frequency translating of said signals ~~comprising audio/video information~~, wherein said amplitude detector comprises at least two inputs coupled to at least two outputs of said mixer-circuit and at least one output coupled to at least one control input of said mixer-circuit, with said mixer-circuit further comprising at least two amplifier-circuits coupled to said mixers for amplifying mixer signals, with at least one of said amplifier-circuits being coupled to said control input for receiving a control signal for controlling a gain of said amplifier-circuit, wherein said further amplitude detector includes at least two level detectors with inputs of said level

detectors being coupled to outputs of said amplifier-circuit and with outputs of said level detectors being coupled to inputs of an amplifier and wherein said further amplitude detector includes at least one adder for adding output signals of said amplifier-circuit, which adder includes an output coupled to an input of a level detector comprising an output coupled to an input of an amplifier, which amplifier includes an output coupled to an input of a range detector and to an input of an inverter controlled by said range detector.

7. (Currently Amended) The[A] mixer-system according to claim 2, wherein said amplifier-circuits each comprise an amplifier with at least a first input and a first output coupled to each other via a first adjustable feedback-gain element~~resistor-element~~ and with at least a second input and a second output coupled to each other via a second adjustable feedback-gain element~~resistor-element~~, with at least one adjustable feedback-gain element~~resistor-element~~ in at least one of said amplifier-circuits being adjustable for controlling the gain of said amplifier-circuit.

8. (Currently Amended) A mixer~~Mixer~~-system comprising: a mixer-circuit with at least two mixers for frequency translating signals including at least one of audio information and [/]video information and including an amplitude detector for making amplitude corrections for at least one output signal of said mixer-circuit, wherein said amplitude corrections are made during said frequency translating of said signals~~including audio/video information~~, wherein said amplitude detector includes at least two inputs coupled to at least two outputs of said mixer-circuit and at least one output coupled to at least one control input of said mixer-circuit, with said mixer-circuit further including at least two amplifier-circuits coupled to said mixers for amplifying mixer signals, with at least one of said amplifier-circuits being coupled to said control input for receiving a control signal for controlling a gain of said amplifier-circuit, and wherein at least one output of one of said amplifier-circuits is coupled to at least one input of the other amplifier-circuit via at least one further resistor-element which is adjustable for making phase corrections.

9. (Currently Amended) An apparatus comprising at least one polyphase filter and a mixer-system coupled to said polyphase filter, which mixer-system comprises a mixer-circuit with at least two mixers for frequency translating signals, comprising at least one of audio information and [/]video information, and comprising an amplitude detector for making amplitude corrections for at least one output signal of said mixer-circuit, wherein said amplitude corrections are made during said frequency translating of said signals ~~comprising audio/video information~~.

10. Cancelled.

11. (Currently Amended) A mixer-system comprising:

a mixer-circuit including

at least two mixers configured and arranged to frequency-translate signals, comprising at least one of audio information and [/]video information, using a local oscillator signal, and configured to provide output signals including a video data signal and an audio data signal, and

an amplifier circuit ~~connected~~ coupled to the at least two mixers [for]and configured to perform ~~making~~ amplitude corrections for at least one of said output signals during said frequency translating of said signals; and

a polyphase filter connected to the amplifier circuit and configured to receive and filter at least one of said output signals, the amplifier circuit being connected between the polyphase filter and the at least two mixers;

the mixer-circuit and polyphase filter being configured and arranged to suppress the video signal from at least one of said output signals.

12. (New) A mixer-system, comprising:

a mixer-circuit including:

at least two mixers for frequency translating signals comprising at least one of audio information or video information; and

at least two amplifier-circuits coupled to said mixers, each amplifier circuit having at least a first input and a first output coupled to each other via a

first adjustable feedback-gain element, and having at least a second input and a second output coupled to each other via a second adjustable feedback-gain element; and
an amplitude detector configured to adjust at least one of the feedback-gain elements of said mixer-circuit.

13. (New) The mixer-system of claim 12, wherein the amplitude detector comprises:
at least two inputs coupled to at least two outputs of said mixer-circuit; and
at least one output coupled to a control input of the first adjustable feedback-gain element.

14. (New) The mixer-system of claim 13, further comprising:
at least one further amplitude detector per amplifier-circuit including:
at least two inputs coupled to at least two outputs of said amplifier-circuit;
and
at least one output coupled to said second adjustable resistor of said amplifier circuit.

15. (New) The mixer-system according to claim 1, wherein the mixer circuit is configured to frequency translate a signal comprising audio and video information.

16. (New) The mixer-system according to claim 15, wherein the mixer circuit is configured to:
separate audio and video information of the signal;
output an audio signal comprising the audio information on the first forward circuit path; and
output a video signal comprising the video information on the second forward circuit path.